

Figure 1A

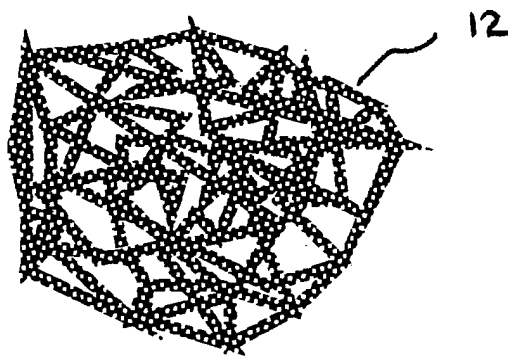


Figure 1B

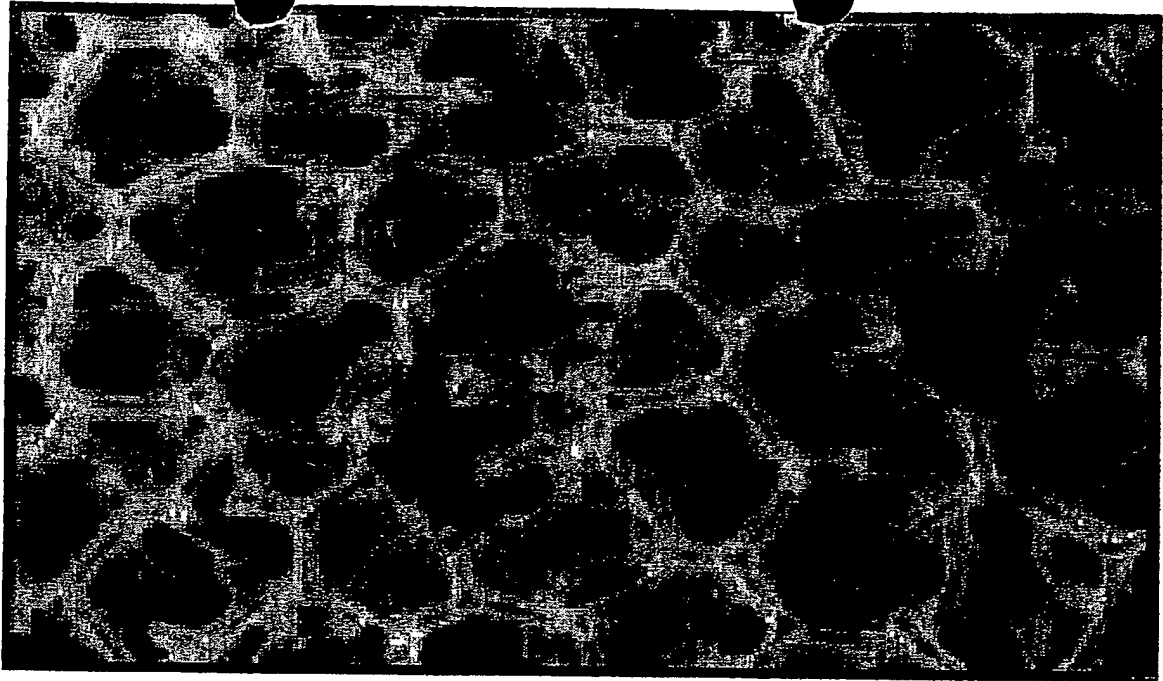


Figure 2A

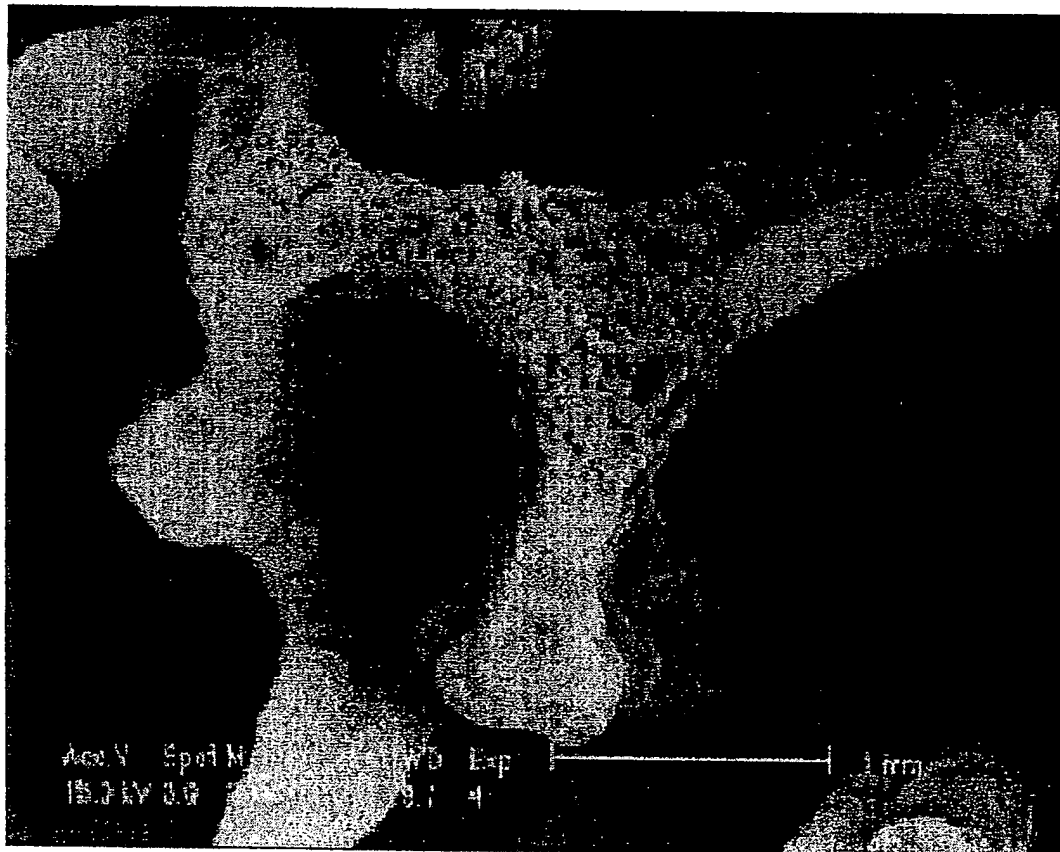


Figure 2B

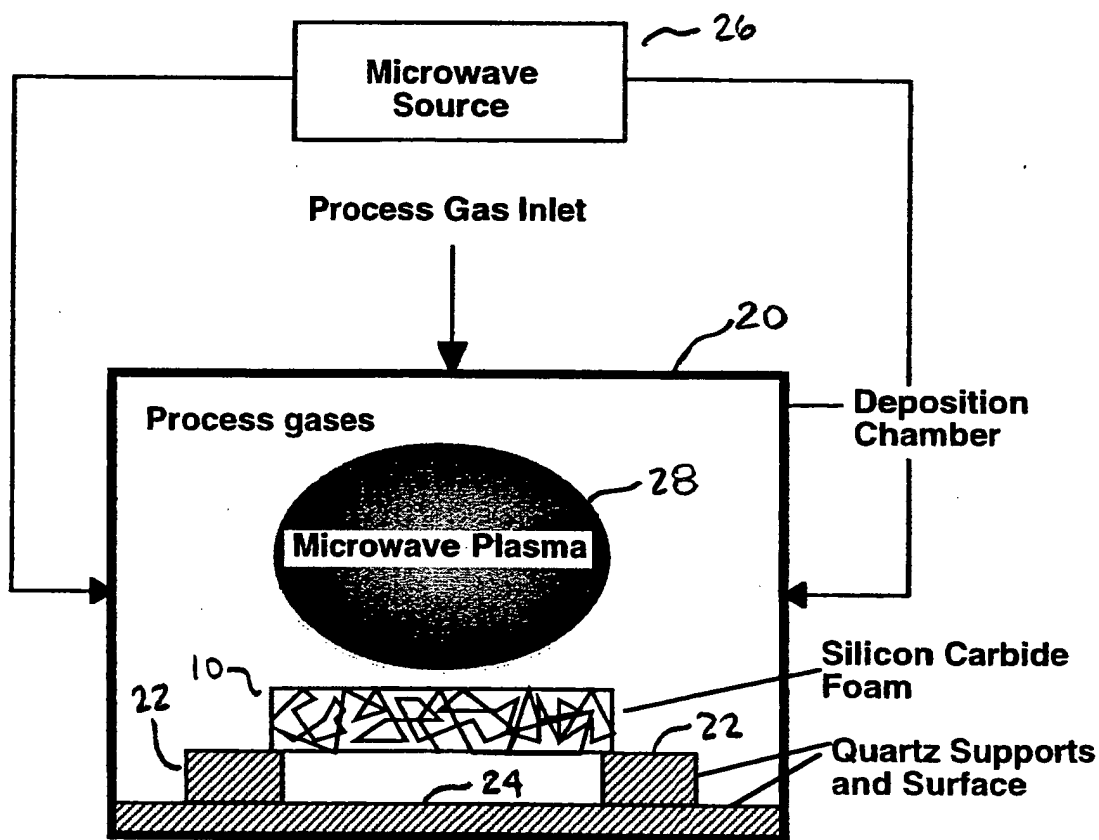


Figure 3

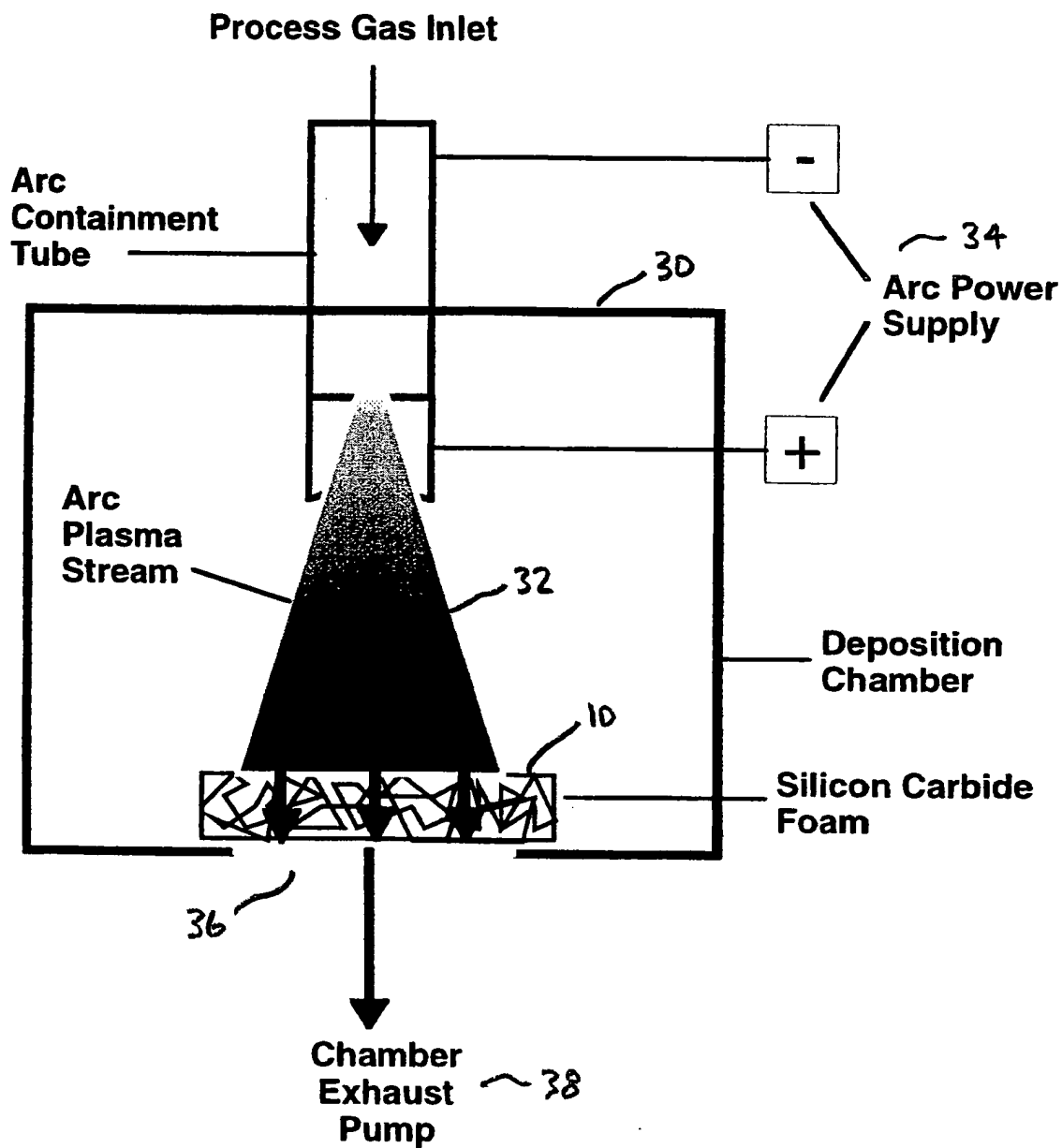


Figure 4

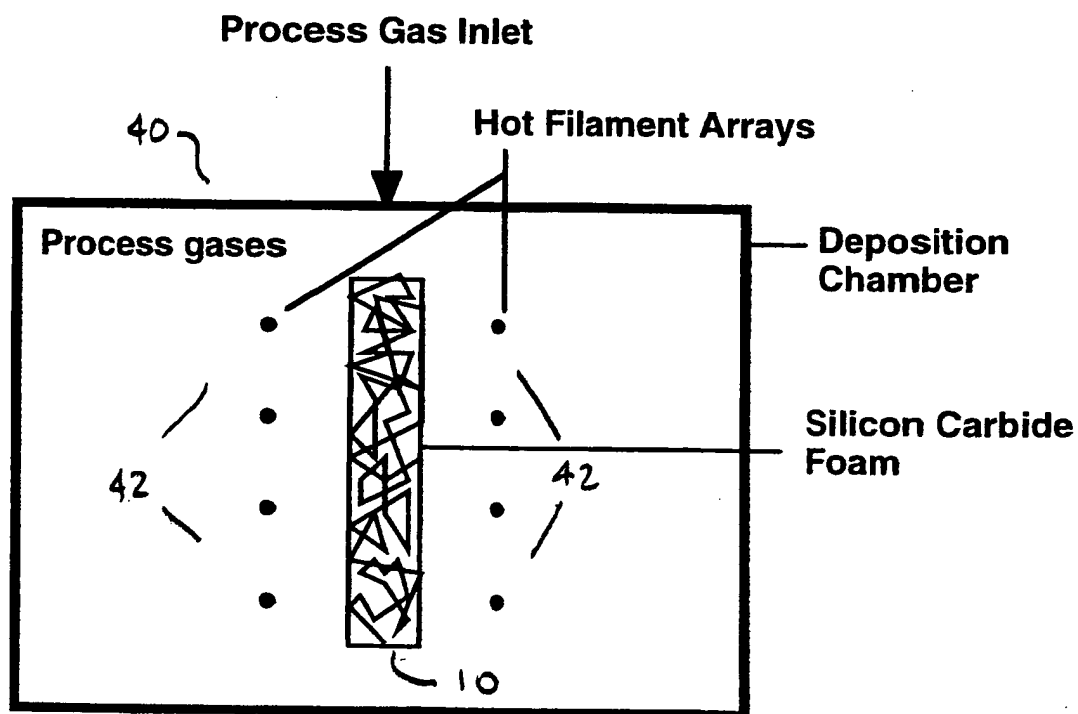


Figure 5

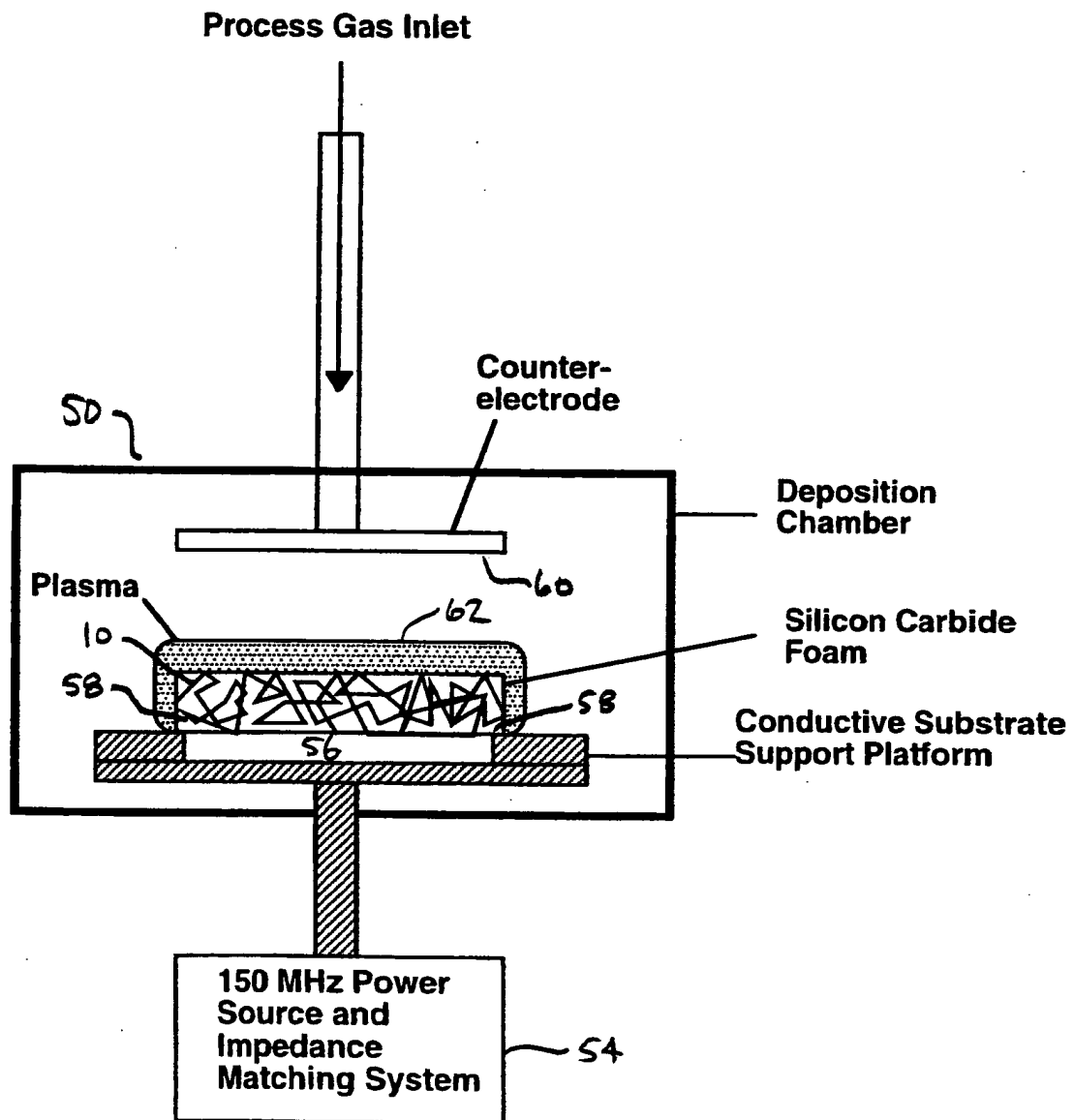


Figure 6

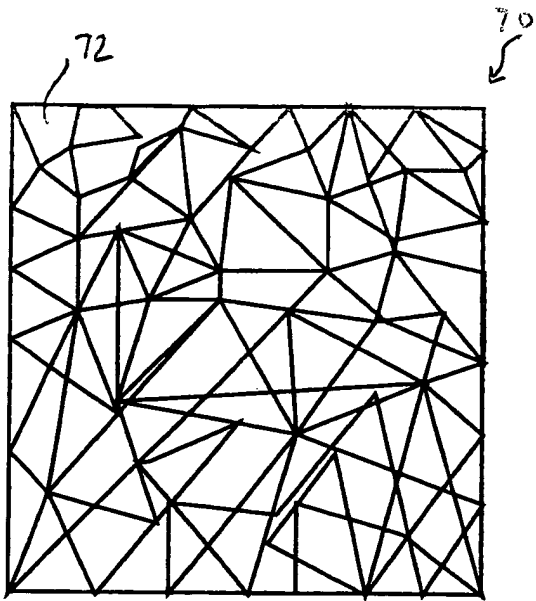


Figure 7A

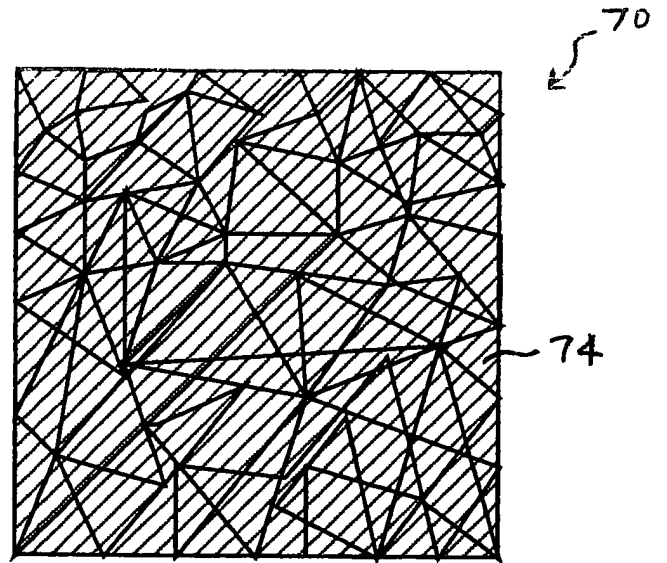


Figure 7C

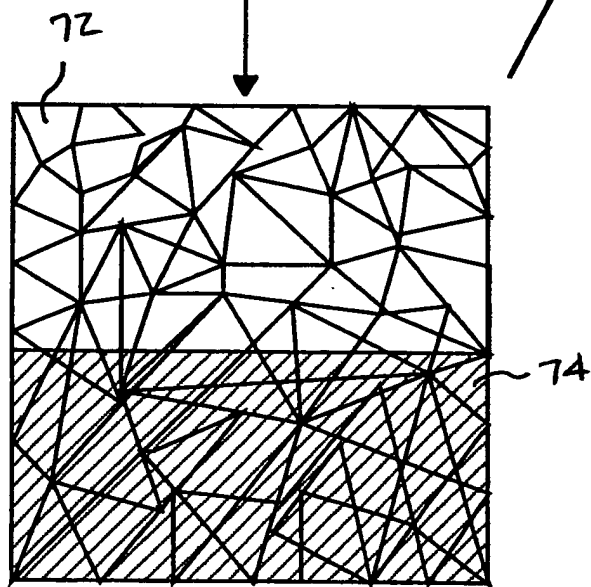


Figure 7B

Partial and Complete Infiltration

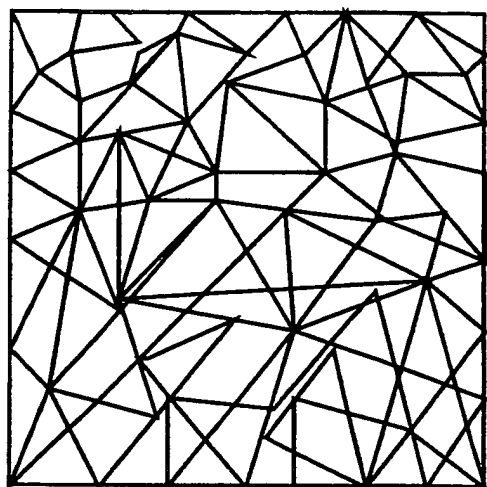


Figure 8A

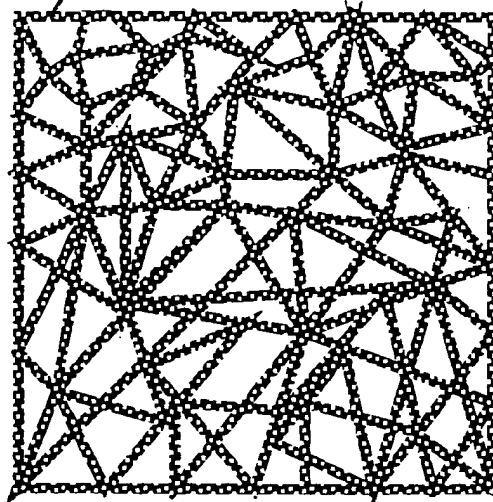


Figure 8C

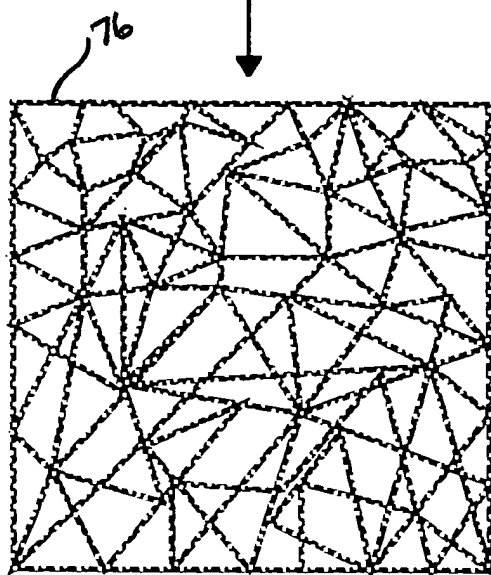


Figure 8B

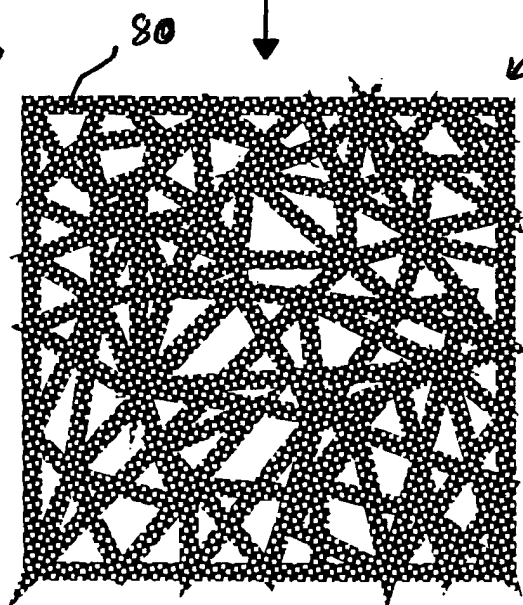
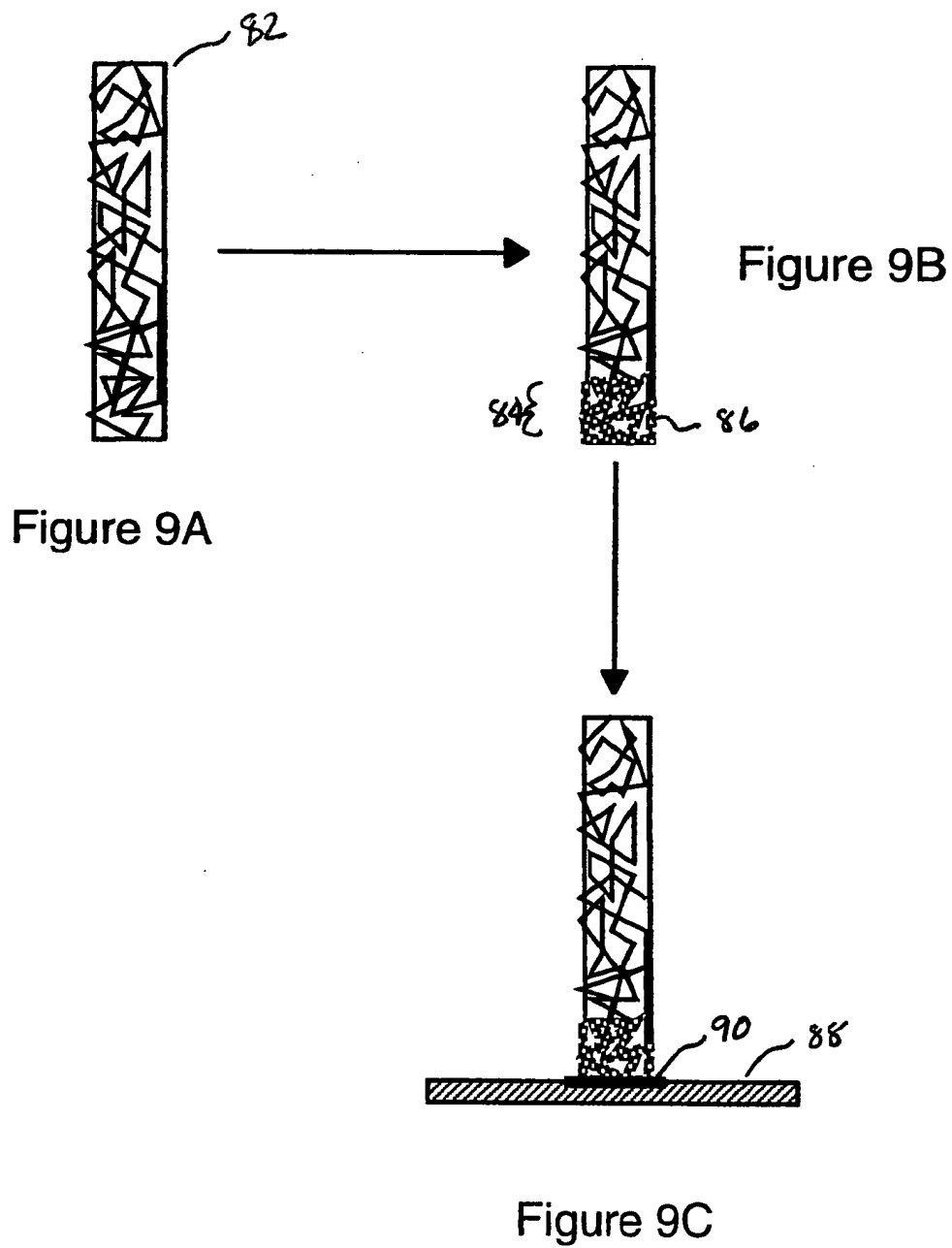


Figure 8D

Dip Coating



Soldering Diamond Foam to Additional Materials

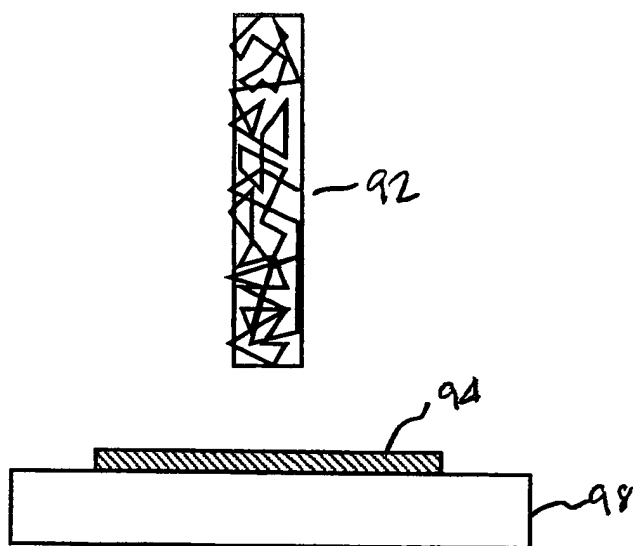


Figure 10A

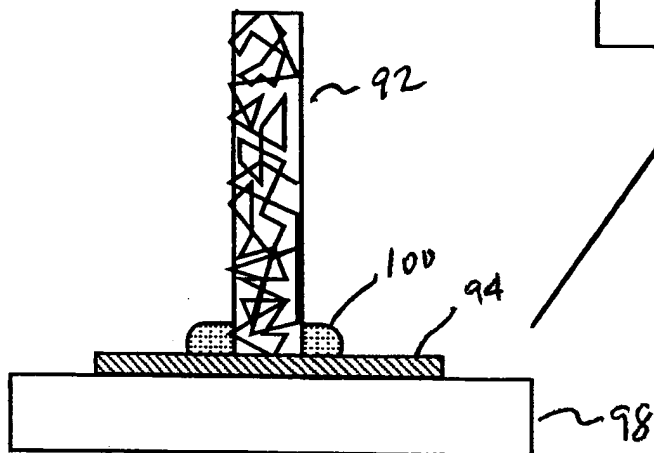


Figure 10B

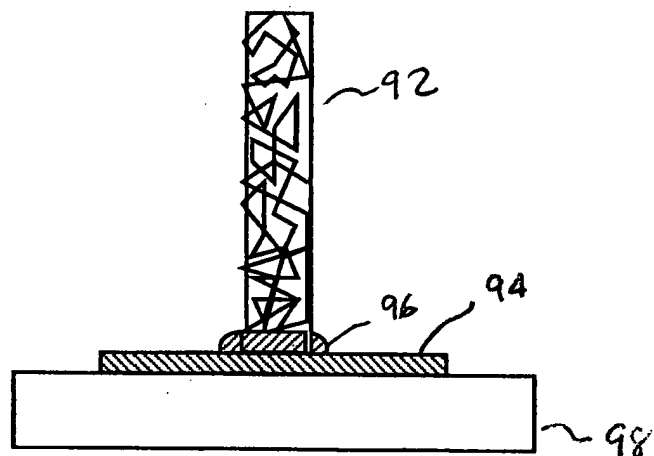


Figure 10C

Joining Diamond Foam to Diamond Film
by Diamond Deposition